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100J1V

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LIBRARY: NEWS  
FILE: ARCNWS

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LEVEL 1... 54

LEVEL 1 PRINTED

THE SELECTED STORY NUMBERS:  
40-50

DISPLAY FORMAT: VAR KWIC

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SEND TO: LEHMAN, KAREN  
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\*\*\*\*\*05547\*\*\*\*\*

LEVEL 1 - 40 OF 54 STORIES

Copyright 1996 AFP-Extel News Limited  
AFX News

August 29, 1996, Thursday

SECTION: Company News; Joint Ventures; Company News; Statistics

LENGTH: 186 words

HEADLINE: American Express awards GTE contract to implement Internet credit card system

BODY:

The American Express NetIDs, which will be issued to consumers and retailers, are an electronic **form** of a charge or **credit card** carrying the **digital** equivalent of the holder's **signature**.

American Express said a thorough registration process for consumers is critical to ensuring the integrity of the service.

The technologies for securing Internet transactions will become available in international markets during the first half of 1997, it said.

LEVEL 1 - 41 OF 54 STORIES

Copyright 1996 Business Wire, Inc.  
Business Wire

August 29, 1996, Thursday

DISTRIBUTION: Business/Technology Editors

LENGTH: 999 words

HEADLINE: American Express and GTE will issue Internet ID's to consumers and merchants; Major step in American Express' implementation of SET protocol for processing secure Internet credit card transactions by fourth quarter 1996

DATELINE: NEW YORK

BODY:

... Network Systems Division. "We welcome American Express' support of the SET protocol and we look forward to working closely with the company to make digital certificates as ubiquitous as the American Express Card."

The American Express NetID's, which will be issued to consumers and

Business Wire, August 29, 1996

merchants, are technically referred to as **digital signature** certificates. For American Express Cardmembers, this will be the electronic **form** of a charge or **credit card with the digital** equivalent of their own **signature** on the card. Much like more traditional, in-person transactions, the digital signature transmitted during an online purchase can be compared by both the merchant and American Express with the Cardmember's original digital signature.

According to American Express, ...

LEVEL 1 - 42 OF 54 STORIES

Copyright 1996 UMI Inc.;  
Copyright Northwest Business Press Inc 1996;  
Business Dateline;  
Journal of Business-Spokane

June 20, 1996

SECTION: Vol 11; No 12; pg 20

LENGTH: 673 words

HEADLINE: State adopts way to sign on the computer line

BYLINE: Ric Clarke

DATELINE: Spokane; WA; US; Pacific

BODY:

... password to access and use it.

When a document is ready to send, the user will "sign" it with a single computer key stroke, and transmit the document by e-mail to an address on the Internet. Only a portion of the encrypted signature code will be visible on the document, Daley says.

The recipient will use the public code to verify the **digital signature** through the user's vendor, similar to the electronic authorization of a **credit card**. If a **document** is altered after it has been signed **digitally**, the system won't verify the **signature**.

Washington law mandates a stringent licensing and certification system to safeguard the integrity of the process, and includes a requirement that vendors undergo an annual audit by computer security professionals.

Daley says Washington's digital signature task force is ...

LEVEL 1 - 43 OF 54 STORIES

Copyright 1995 South Bend Tribune Corporation  
South Bend Tribune (Indiana)

December 11, 1995, Monday, MICHIGAN, INDIANA, TRIBUNE

SECTION: NATION/WORLD, Pg. A1

LENGTH: 931 words

HEADLINE: FLAW FOUND IN DATA SECURITY

BYLINE: JOHN MARKOFF N.Y. Times News Service

... members of the public.

That includes most on-line shopping and consumer banking systems now in use or announced, as well as various smart-card systems, like one planned by the U.S. Postal Service, in which a digitally encoded **credit-card**-size device would hold electronic cash. It also includes various **forms of "digital signature"** systems, like one developed for civilian use within the federal government, intended to let recipients check the authenticity of documents sent over computer networks.

"Many of the security systems that I am examining are good enough to keep out ...

LEVEL 1 - 44 OF 54 STORIES

Copyright 1995 The Austin American-Statesman  
Austin American-Statesman (Texas)

December 11, 1995

SECTION: News; Pg. A1

LENGTH: 923 words

HEADLINE: Flaw found in Internet security; Discovery could undermine use of Net for banking, shopping and cash transfers

BYLINE: John Markoff

BODY:

... between and among members of the public.

That includes most on-line shopping and consumer banking systems in use or announced, as well as various smart-card systems, such as one planned by the U.S. Postal Service, in which a digitally encoded **credit-card-size** device would hold electronic cash. It also includes **forms of "digital signature"** systems, such as one developed for civilian use within the federal government intended to let recipients check the authenticity of documents sent over computer networks.

"Many of the security systems that I am examining are good enough to keep out casual ...

LEVEL 1 - 45 OF 54 STORIES

Copyright 1995 The Dallas Morning News  
THE DALLAS MORNING NEWS

December 11, 1995, Monday, HOME FINAL EDITION

SECTION: BUSINESS; Pg. 1D  
LENGTH: 810 words

HEADLINE: Electronic cash could be at risk;  
22-year-old finds way to sidestep security

BYLINE: John Markoff, New York Times News Service

DATELINE: SAN FRANCISCO

BODY:

... members of the public.

That includes most on-line shopping and consumer banking systems now in use or announced, as well as various smart-card systems, like one planned by the U.S. Postal Service, in which a digitally encoded **credit-card-size** device would hold electronic cash. It also includes various **forms of "digital signature"** systems, like one developed for civilian use within the federal government, intended to let recipients check the authenticity of documents sent over computer networks.

LEVEL 1 - 46 OF 54 STORIES

Copyright 1995 The Houston Chronicle Publishing Company  
The Houston Chronicle

December 11, 1995, Monday, 3 STAR Edition

SECTION: a; Pg. 1

LENGTH: 866 words

HEADLINE: Discovery shakes faith in computer security;  
Banking, shopping, 'digital cash' at risk

BYLINE: JOHN MARKOFF; New York Times

DATELINE: SAN FRANCISCO

BODY:

... members of the public.

That includes most on-line shopping and consumer banking systems now in use or announced, as well as various smart-card systems, like one planned by the U.S. Postal Service, in which a digitally encoded **credit-card-size** device would hold electronic cash. It also includes various **forms of "digital signature"** systems, like one developed for civilian use within the federal government, intended to let recipients check the authenticity of documents sent over computer networks.

"Many of the security systems that I am examining are good enough to keep out ...

LEVEL 1 - 47 OF 54 STORIES

Copyright 1995 Lakeland Ledger Publishing Corporation  
The Ledger (Lakeland, Florida)

December 11, 1995, Monday

SECTION: News ;Pg. A1

LENGTH: 919 words

HEADLINE: FLAW FOUND IN DIGITAL TRANSACTION

The Ledger (Lakeland, Florida) December 11, 1995, Monday

BYLINE: John Markoff The New York Times

BODY:

... members of the public.

That includes most on-line shopping and consumer banking systems now in use or announced, as well as various smart-card systems, like one planned by the U.S. Postal Service, in which a digitally encoded **credit card**-size device would hold electronic cash. It also includes various **forms of "digital signature"** systems, like one developed for civilian use within the federal government, intended to let recipients check the authenticity of documents sent over computer networks.

"Many of the security systems that I am examining are good enough to keep out ...

LEVEL 1 - 48 OF 54 STORIES

Copyright 1995 The New York Times Company  
The New York Times

December 11, 1995, Monday, Late Edition - Final

SECTION: Section A; Page 1; Column 4; National Desk

LENGTH: 1390 words

HEADLINE: Secure Digital Transactions Just Got a Little Less Secure

BYLINE: By JOHN MARKOFF

DATELINE: SAN FRANCISCO, Dec. 10

BODY:

... members of the public.

That includes most on-line shopping and consumer banking systems now in use or announced, as well as smart-card systems, like one planned by the United States Postal Service, in which a digitally encoded **credit-card**-size device would hold electronic cash. It also includes various **forms of "digital signature"** systems, like one developed for civilian use within the Federal Government, intended to let recipients check the authenticity of documents sent over computer networks.

"Many of the security systems that I am examining are good enough to keep out ...

LEVEL 1 - 49 OF 54 STORIES

Copyright 1995 CanWest Interactive, a division of  
CanWest Global Communications Corp.

All Rights Reserved

The Vancouver Sun (British Columbia, Canada)

December 11, 1995, Monday, FINAL EDITION

SECTION: NEWS; Pg. A1

LENGTH: 930 words

HEADLINE: Researcher finds crack in computer security: Public-key encryption  
flaw may endanger on-line transactions.: SECURITY: Digital sales at risk

BYLINE: JOHN MARKOFF; NEW YORK TIMES NEWS SERVICE

DATELINE: SAN FRANCISCO

BODY:

... members of the public.

That includes most on-line shopping and consumer banking systems now in use  
or announced, as well as various smart-card systems, like one planned by the  
U.S. Postal Service, in which a digitally encoded **credit-card-size** device would  
hold electronic cash. It also includes various **forms of "digital signature"**  
systems, like one developed for civilian use within the U.S. government,  
intended to let recipients check the authenticity of documents sent over  
computer networks.

"Many of the security systems that I am examining are good enough to keep out

...

LEVEL 1 - 50 OF 54 STORIES

Copyright 1995 CMP Publications, Inc.

InternetWeek

November 6, 1995

SECTION: Interactive Age, Pg. IA12, Web Commerce

LENGTH: 190 words

HEADLINE: Placing virtual orders

BYLINE: Dana Blankenhorn

BODY:



4 The method for processing orders depends on the payment mechanism. CyberCash orders - which include **digital-signature** technology that works like printed **credit-card forms** used by stores, verifying that the order was made and by whom - are preauthorized while the user is online.

16/7/all

16/7/1 (Item 1 from file: 350)  
 DIALOG(R)File 350:Derwent WPIX  
 (c) 2003 Thomson Derwent. All rts. reserv.

015607947 \*\*Image available\*\*  
 WPI Acc No: 2003-670104/200363

Compensation \*providing\* method to \*provide\* incentive for user to read  
 and/or print out unsolicited Internet advertising by generating  
 compensation scheme indicating negotiable items printed along with  
 advertisement, to decide compensation

Patent Assignee: HEWLETT-PACKARD CO (HEWP ); SESEK R (SESE-I)

Inventor: SESEK R

Number of Countries: 002 Number of Patents: 002

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 20030093344	A1	20030515	US 200137744	A	20011109	200363 B
GB 2383159	A	20030618	GB 200225369	A	20021031	200363

Priority Applications (No Type Date): US 200137744 A 20011109

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
US 20030093344	A1	12	G06F-017/60	
GB 2383159	A		G06F-017/60	

Abstract (Basic): US 20030093344 A1

NOVELTY - An electronic data representing an advertisement is produced and sent as Internet mail to possible customers. As an incentive to open the mail and/or print it out, a compensation scheme representing negotiable items is \*provided\* to be printed along with the advertisement. Based on the scheme, suitable compensation is \*provided\* when advertisement is read.

DETAILED DESCRIPTION - INDEPENDENT CLAIMS are also included for the following:

- (1) computer program product for compensation management; and
- (2) compensation \*providing\* system.

USE - For \*providing\* compensation to consumers through gift coupons, checks while printing advertisements and \*electronic\* \*document\* retrieval related to various online \*goods\* \*purchasing\* /services using Internet.

ADVANTAGE - Avoids postage cost and mailing delays, as the compensation amount is directly credited to consumer's bank account or \*credit\* \*card\* account by the advertiser. Eliminates the need for unwanted printing and large infrastructures for sorting, thereby total advertising cost is reduced. Alleviates the customer concerns about printing consumables wastage and damage to printer, by \*allowing\* suitable compensation.

DESCRIPTION OF DRAWING(S) - The figure shows the flowchart indicating the compensation process.

pp; 12 DwgNo 5/7

Derwent Class: T01; T04; T05

International Patent Class (Main): G06F-017/60

16/7/2 (Item 2 from file: 350)  
 DIALOG(R)File 350:Derwent WPIX  
 (c) 2003 Thomson Derwent. All rts. reserv.

014241459 \*\*Image available\*\*  
 WPI Acc No: 2002-062159/200208

Method of commerce over Internet between user and merchant computers by passing \*authentication\* ticket from user to merchant to facilitate transaction and \*providing\* \*authentication\* ticket from merchant to financial institution

Patent Assignee: DIGIMARC CORP (DIGI-N)

Inventor: ANGLIN H W; LEVY K L; LOFGREN N; MACINTOSH B T; MILLER M D; SEDER P A; SHARMA R K

Number of Countries: 095 Number of Patents: 002

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
WO 200184438	A1	20011108	WO 2001US14014	A	20010430	200208 B
AU 200159313	A	20011112	AU 200159313	A	20010430	200222

Priority Applications (No Type Date): US 2001790322 A 20010221; US 2000562049 A 20000501

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
WO 200184438	A1	E	57 G06F-017/60	

Designated States (National): AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW

Designated States (Regional): AT BE CH CY DE DK EA ES FI FR GB GH GM GR IE IT KE LS LU MC MW MZ NL OA PT SD SE SL SZ TR TZ UG ZW

AU 200159313 A G06F-017/60 Based on patent WO 200184438

Abstract (Basic): WO 200184438 A1

NOVELTY - A financial institution (FI) (48) identifier is associated with the document and passes an identifier and a session ticket to a user computer (42). The FI contacts via the FI identifier and passes to the FI the session ticket to obtain an \*authentication\* ticket. The latter is passes from the user to a merchant computer (44) to facilitate a transaction. The \*authentication\* ticket is \*provided\* from the merchant computer to the FI.

DETAILED DESCRIPTION - INDEPENDENT CLAIMS are included for:

- (a) a method of \*verifying\* data
- (b) a system for exchanging data
- (c) a method of gaining permission
- (d) a method of preventing on line attacks
- (e) a computer readable medium
- (f) a method for facilitating voting
- (g) a method of \*providing\* trial access for on-line website
- (h) a method to access a secure location
- (i) a watermark combination lock
- (j) a method of securely transmitting image data over the Internet

USE - In hidden data systems, using in \*documents\* employing \*digital\* watermarks for facilitating e-commerce transactions.

ADVANTAGE - Assures that an on-line \*purchaser\* of \*goods\* has physical custody of the \*credit\* \*card\* being charged. Without such custody, the \*credit\* \*card\* issuer will refuse the requested transaction.

DESCRIPTION OF DRAWING(S) - The drawing illustrates a system according to an illustrative embodiment of the present invention.

user computer (42)

merchant computer (44)

financial institution (FI) (48)

pp; 57 DwgNo 2/15

Derwent Class: T01; T05

International Patent Class (Main): G06F-017/60

16/7/3 (Item 3 from file: 350)  
DIALOG(R)File 350:Derwent WPIX  
(c) 2003 Thomson Derwent. All rts. reserv.

014209159 \*\*Image available\*\*  
WPI Acc No: 2002-029856/200204

**Electronic commercial transaction system registers goods information from seller in homepage, after \*authentication\* of seller**

Patent Assignee: MUSIC GATE KK (MUSI-N)  
Number of Countries: 001 Number of Patents: 001  
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
JP 2001265944	A	20010928	JP 200077079	A	20000317	200204 B

Priority Applications (No Type Date): JP 200077079 A 20000317  
Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
JP 2001265944	A		7 G06F-017/60	

Abstract (Basic): JP 2001265944 A

NOVELTY - \*Approval\* of registration of goods information from an \*authenticated\* seller (1) is performed and goods information sent from seller is registered. Link information connecting goods with corresponding seller is included in \*goods\* information. \*Purchaser\*'s \*credit\* \*card\* is \*authenticated\* and balance of purchaser is reduced by deducting predetermined amount for \*purchased\* \*goods\*.

USE - For goods sale by \*credit\* \*card\* payment on internet.

ADVANTAGE - Goods can be sold safely and freely. Enables to sell goods by using one's own homepage.

DESCRIPTION OF DRAWING(S) - The figure shows the entire service system based on one \*form\* of operation of \*electronic\* commercial transaction system. (Drawing includes non-English language text).

\*Authenticated\* seller (1)

pp; 7 DwgNo 1/3

Derwent Class: T01

International Patent Class (Main): G06F-017/60

16/7/4 (Item 4 from file: 350)  
DIALOG(R)File 350:Derwent WPIX  
(c) 2003 Thomson Derwent. All rts. reserv.

013193077 \*\*Image available\*\*  
WPI Acc No: 2000-364950/200031

**Internet-based electronic commerce business transaction processor performs billing for retail customer for \*ordered\* \*product\*, when \*selected\* supplier is \*authorized\* to ship product to customer**

Patent Assignee: HARDWARESTREET.COM INC (HARD-N)

Inventor: ALVIN R S

Number of Countries: 085 Number of Patents: 003

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
WO 200023928	A2	20000427	WO 99US24452	A	19991019	200031 B
AU 200011244	A	20000508	AU 200011244	A	19991019	200037
EP 1040441	A2	20001004	EP 99955050	A	19991019	200050
			WO 99US24452	A	19991019	

Priority Applications (No Type Date): US 99345383 A 19990630; US 98104830 P 19981019

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
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WO 200023928 A2 E 40 G06F-017/60

Designated States (National): AL AM AT AU AZ BA BB BG BR BY CA CH CN CU  
CZ DE DK EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC  
LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL  
TJ TM TR TT UA UG UZ VN YU ZW

Designated States (Regional): AT BE CH CY DE DK EA ES FI FR GB GH GM GR  
IE IT KE LS LU MC MW NL OA PT SD SE SL SZ TZ UG ZW

AU 200011244 A G06F-017/60 Based on patent WO 200023928

EP 1040441 A2 E G06F-017/60 Based on patent WO 200023928

Designated States (Regional): AT BE CH CY DE DK ES FI FR GB GR IE IT LI  
LU MC NL PT SE

Abstract (Basic): WO 200023928 A2

NOVELTY - A supplier selection processor selects one of supplier to fulfill purchase order and \*authorizes\* the selected suppliers to ship \*ordered\* \*product\* to customer in a manner transparent to the customer. A payment processor (40) is \*provided\* for billing retail customer for \*ordered\* \*product\*, when \*authorized\* for shipment.

4  
DETAILED DESCRIPTION - Catalog-type product data related to several \*selected\* \*products\*, are stored in a database (70). A communication interface selectively permits a retail customer to selectively access the data stored in the database. An \*electronic\* order \*form\* is \*provided\* for the retail customer to place the purchase order for \*selected\* \*products\*. An order processor processes the placed purchase order for \*selected\* \*products\*. The order processor includes payment \*authorization\* processing unit for checking the credit worthiness of purchase \*method\* of \*payment\* before the purchase order is \*authorized\* for fulfillment. An INDEPENDENT CLAIM is also included for Internet-based electronic commerce business transaction processing method.

USE - For processing electronic commerce business transactions e.g. for computer-related products, etc. in Internet.

ADVANTAGE - The modular design of business transaction processor \*allows\* the distribution of processing load among several parallel servers, thereby enabling faster processing of transactions and \*providing\* expandability for future growth. Interacts with several distributors, thereby enabling larger selection of products with higher availability and aggressively compatible pricing. Utilizes multi-level fraud checking system incorporating propriety as well as commercially available fraud checking system, thereby enabling high level of risk management. The business transaction processor is fully automated, including automatic generation of electronic catalog, competitive pricing engine according to flexible rule-based algorithms, and automatic feedback to the customer.

DESCRIPTION OF DRAWING(S) - The figure shows the block diagram of overall business transaction processing system.

Payment processor (40)

Database (70)

pp; 40 DwgNo 1/4

Derwent Class: T01

International Patent Class (Main): G06F-017/60

? ds

14/7

14/7/1 (Item 1 from file: 350)  
DIALOG(R)File 350:Derwent WPIX  
(c) 2003 Thomson Derwent. All rts. reserv.

014164119 \*\*Image available\*\*  
WPI Acc No: 2001-648347/200174

**Portal switch for electronic commerce which controls participation of  
merchants in online aggregators e.g. portals used for buying and selling  
goods and services**

Patent Assignee: VERIZON LAB INC (VERI-N)  
Inventor: \*BROTHERS L R\*; MILLS C G; VITTAL J J  
Number of Countries: 093 Number of Patents: 002  
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
WO 200169833	A2	20010920	WO 2001US7980	A	20010313	200174 B
AU 200143608	A	20010924	AU 200143608	A	20010313	200208

Priority Applications (No Type Date): US 2000524112 A 20000313  
Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
WO 200169833	A2	E	51	H04L-000/00	

Designated States (National): AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA  
CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP  
KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT  
RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW

Designated States (Regional): AT BE CH CY DE DK EA ES FI FR GB GH GM GR  
IE IT KE LS LU MC MW MZ NL OA PT SD SE SL SZ TR TZ UG ZW

AU 200143608 A H04L-000/00 Based on patent WO 200169833

Abstract (Basic): WO 200169833 A2

NOVELTY - Merchants may enable or disable participation in an aggregator site by turning on or off software settings. When participation is enabled, the merchant's site makes its \*catalog\* entries and merchant profile available to the aggregator. By enabling or disabling the switch; the merchant actively expresses a willingness to participate in the aggregator.

USE - Controls participation of merchants in online aggregators e.g. internet portals, used for buying and selling goods and services.

ADVANTAGE - Provides automated method of including merchants in portals.

DESCRIPTION OF DRAWING(S) - The drawing shows a schematic diagram of the portal switch in operation.

pp; 51 DwgNo 2/10

Derwent Class: T01; W01

International Patent Class (Main): H04L-000/00

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20/7/1 (Item 1 from file: 350)  
DIALOG(R)File 350:Derwent WPIX  
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015507445 \*\*Image available\*\*  
WPI Acc No: 2003-569592/200353

Method for managing \*electronic\* \*document\* in \*multi\*-party\*  
collaboration system by enabling one or more users in discrete access  
groups to modify and communicate a document within one or more of access  
groups

A Patent Assignee: SECURE DOCUMENT EXCHANGE PTY LTD (SECU-N)  
Inventor: CLARK P A  
Number of Countries: 088 Number of Patents: 001  
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
WO 200358493	A1	20030717	WO 2003AU24	A	20030113	200353 B

Priority Applications (No Type Date): AU 20029941 A 20020111  
Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
WO 200358493	A1	E	38 G06F-017/30	

Designated States (National): AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA  
CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN  
IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ  
OM PH PL PT RO RU SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA  
ZM ZW

Abstract (Basic): WO 200358493 A1

NOVELTY - One or more users from within each of a number of  
discrete access groups may be enabled to connect to a server via a  
network. One or more users in the discrete access groups are enabled to  
modify and communicate a document within one or more of the access  
groups. The ability of the users of the access groups to access the  
document is determined by a permission level allocated to the users.

DETAILED DESCRIPTION - An INDEPENDENT CLAIM is included for:

(a) an apparatus for managing \*electronic\* \*document\*(s).

USE - For a \*document\* management and \*multi\* \*party\* collaboration  
system over a closed or open network such as the Internet.

ADVANTAGE - Allows a user to upload and download documents more  
quickly using less bandwidth than if the documents were not compressed.  
Allows one or more users in discrete access groups to modify and  
communicate a document within one or more of access groups, in which  
the ability of the users of the access groups is determined by  
permission flag allocated to the users.

DESCRIPTION OF DRAWING(S) - The drawing is a block diagram of a  
system for managing and collaborating on documents in accordance with  
an embodiment of the present invention, which adopts a three tier  
architecture.

pp; 38 DwgNo 1/5

Derwent Class: T01

International Patent Class (Main): G06F-017/30

International Patent Class (Additional): G06F-015/16

?

4/7/1 (Item 1 from file: 350)  
DIALOG(R)File 350:Derwent WPIX  
(c) 2003 Thomson Derwent. All rts. reserv.

013193077 \*\*Image available\*\*  
WPI Acc No: 2000-364950/200031

Internet-based electronic commerce business transaction processor  
performs billing for retail customer for \*ordered\* \*product\*, when  
\*selected\* supplier is authorized to ship product to customer

Patent Assignee: HARDWARESTREET.COM INC (HARD-N)

Inventor: ALVIN R S

Number of Countries: 085 Number of Patents: 003

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
WO 200023928	A2	20000427	WO 99US24452	A	19991019	200031 B
AU 200011244	A	20000508	AU 200011244	A	19991019	200037
EP 1040441	A2	20001004	EP 99955050	A	19991019	200050
			WO 99US24452	A	19991019	

Priority Applications (No Type Date): US 99345383 A 19990630; US 98104830 P  
19981019

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes

WO 200023928 A2 E 40 G06F-017/60

Designated States (National): AL AM AT AU AZ BA BB BG BR BY CA CH CN CU  
CZ DE DK EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC  
LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL  
TJ TM TR TT UA UG UZ VN YU ZW

Designated States (Regional): AT BE CH CY DE DK EA ES FI FR GB GH GM GR  
IE IT KE LS LU MC MW NL OA PT SD SE SL SZ TZ UG ZW

AU 200011244 A G06F-017/60 Based on patent WO 200023928

EP 1040441 A2 E G06F-017/60 Based on patent WO 200023928

Designated States (Regional): AT BE CH CY DE DK ES FI FR GB GR IE IT LI  
LU MC NL PT SE

Abstract (Basic): WO 200023928 A2

NOVELTY - A supplier selection processor selects one of supplier to  
fulfill purchase order and authorizes the selected suppliers to ship  
\*ordered\* \*product\* to customer in a manner transparent to the  
customer. A payment processor (40) is provided for billing retail  
customer for \*ordered\* \*product\*, when authorized for shipment.

DETAILED DESCRIPTION - \*Catalog\*-type product data related to  
several \*selected\* \*products\*, are stored in a database (70). A  
communication interface selectively permits a retail customer to  
selectively access the data stored in the database. An \*electronic\*  
order \*form\* is provided for the retail customer to place the purchase  
order for \*selected\* \*products\*. An order processor processes the  
placed purchase order for \*selected\* \*products\*. The order processor  
includes payment authorization processing unit for checking the credit  
worthiness of purchase \*method\* of \*payment\* before the purchase order  
is authorized for fulfillment. An INDEPENDENT CLAIM is also included  
for Internet-based electronic commerce business transaction processing  
method.

USE - For processing electronic commerce business transactions e.g.  
for computer-related products, etc. in Internet.

ADVANTAGE - The modular design of business transaction processor  
allows the distribution of processing load among several parallel  
servers, thereby enabling faster processing of transactions and  
providing expandability for future growth. Interacts with several  
distributors, thereby enabling larger selection of products with higher  
availability and aggressively compatible pricing. Utilizes multi-level



fraud checking system incorporating propriety as well as commercially available fraud checking system, thereby enabling high level of risk management. The business transaction processor is fully automated, including automatic generation of electronic \*catalog\*, competitive pricing engine according to flexible rule-based algorithms, and automatic feedback to the customer.

DESCRIPTION OF DRAWING(S) - The figure shows the block diagram of overall business transaction processing system.

Payment processor (40)

Database (70)

pp; 40 DwgNo 1/4

Derwent Class: T01

International Patent Class (Main): G06F-017/60

?

S23 8 (S18 OR S20) NOT AD=>19990709  
? t 23/3,ab/all

23/3,AB/1 (Item 1 from file: 348)  
DIALOG(R)File 348:EUROPEAN PATENTS  
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00638303

**A data processing system and method thereof.**  
**Datenverarbeitungssystem- und methode.**  
**Systeme et methode de traitement des donnees.**

PATENT ASSIGNEE:

MOTOROLA, INC., (205770), 1303 East Algonquin Road, Schaumburg, IL 60196,  
(US), (applicant designated states: DE;FR;GB;IT,NL)

INVENTOR:

Gallup, Michael G., 1102 Radam Circle, Austin, Texas 78745, (US)  
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Seaton, Robert W. Jr., 4836 Trail Crest Circle, Austin, Texas 78735, (US)  
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LEGAL REPRESENTATIVE:

Spaulding, Sarah Jane et al (73531), Motorola, European Intellectual  
Property Operations, Jays Close, Viables, Basingstoke, Hants. RG22 4PD,  
(GB)

PATENT (CC, No, Kind, Date): EP 619557 A2 941012 (Basic)  
EP 619557 A3 960612

APPLICATION (CC, No, Date): EP 94104274 940318;

PRIORITY (CC, No, Date): US 40779 930331

DESIGNATED STATES: DE; FR; GB; IT; NL

INTERNATIONAL PATENT CLASS: \*G06F-015/76\*; \*G06F-015/80\*; \*G06F-015/16\*;  
\*G06F-015/78\*; \*G06F-009/38\*; \*G06F-007/544\*; \*G06F-009/32\*;  
\*G06F-009/315\*

ABSTRACT EP 619557 A2

A data processing system (55) and method thereof includes one or more  
data processors (10). Data processor (10) is capable of performing both  
vector operations and scalar operations. Using a single microsequencer  
(22), data processor (10) is capable of executing both vector  
instructions and scalar instructions. Data processor (10) also has a  
memory circuit (14) capable of storing both vector operands and scalar  
operands. (see image in original document)

ABSTRACT WORD COUNT: 82

LANGUAGE (Publication,Procedural,Application): English; English; English  
FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	EPABF2	5610
SPEC A	(English)	EPABF2	83930
Total word count - document A			89540
Total word count - document B			0
Total word count - documents A + B			89540

23/3,AB/2 (Item 2 from file: 348)  
DIALOG(R)File 348:EUROPEAN PATENTS  
(c) 2003 European Patent Office. All rts. reserv.

00632840

**Method and apparatus for object traversing suitable for structured memory  
formed by linked objects**

Verfahren und Vorrichtung zur Objektdurchquerung die für einen strukturierten Speicher aus verbundenen Objekten geeignet sind  
Procédé et appareil de traversée d'objet adaptés à une mémoire structurée formée d'objets enchaînés

PATENT ASSIGNEE:

KABUSHIKI KAISHA TOSHIBA, (213130), 72, Horikawa-cho, Saiwai-ku,  
Kawasaki-shi, Kanagawa-ken 210, (JP), (applicant designated states:  
DE;FR;GB)

INVENTOR:

Takahashi, Toshinari, 2-1-10-301, Minami-Ohtsuka, Toshiba-ku, Tokyo, (JP)

LEGAL REPRESENTATIVE:

Lehn, Werner, Dipl.-Ing. et al (7474), Hoffmann, Eitle & Partner,  
Patentanwalte, Arabellastrasse 4, 81925 München, (DE)

PATENT (CC, No, Kind, Date): EP 615192 A1 940914 (Basic)  
EP 615192 B1 970528

APPLICATION (CC, No, Date): EP 94103585 940309;

PRIORITY (CC, No, Date): JP 9348159 930309

DESIGNATED STATES: DE; FR; GB

INTERNATIONAL PATENT CLASS: G06F-012/14; G06F-009/44;

ABSTRACT EP 615192 A1

An object traversing scheme in which the traverse procedure and the traverse rights can be specified flexibly. In this scheme, the object is stored with an assignment of a traverse right for each sub-object indicating who is allowed to traverse each sub-object; at least one traverse IDs for identifying a user making a request to make an access to the object are specified; the sub-objects to be traversed at a time of traversing the object in response to the request from the user identified by the traverse IDs are selected according to the traverse right assigned to the user identified by the traverse IDs in the object; and the selected sub-objects are outputted as a result of the access to the object. The traverse IDs for identifying the user can be changed according to the traverse rights of the sub-objects and the selection of the sub-objects. This scheme can be utilized very beneficially in conjunction with an electronic mail tool. (see image in original document)

ABSTRACT WORD COUNT: 167

LANGUAGE (Publication,Procedural,Application): English; English; English  
FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	EPABF2	1317
CLAIMS B	(English)	EPAB97	1452
CLAIMS B	(German)	EPAB97	1287
CLAIMS B	(French)	EPAB97	1398
SPEC A	(English)	EPABF2	12268
SPEC B	(English)	EPAB97	12394
Total word count - document A			13587
Total word count - document B			16531
Total word count - documents A + B			30118

23/3,AB/3 (Item 3 from file: 348)

DIALOG(R)File 348:EUROPEAN PATENTS

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00398487

Database System

Datenbasissystem

Système de base de données

PATENT ASSIGNEE:

XEROX CORPORATION, (219781), Xerox Square - 020, Rochester New York 14644  
, (US), (applicant designated states: DE;FR;GB)

INVENTOR:

Putz, Steven B., 10521 Cypress Drive, Cupertino, California 95014, (US)  
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Demers, Alan J., Star Route 147-B,, Woodside, California 94062, (US)  
Spitz, Lawrence A., 2311 Bryant Street, Palo Alto, California 94301,  
(US)

LEGAL REPRESENTATIVE:

Reynolds, Julian David et al (76302), Rank Xerox Ltd Patent Department  
Parkway, Marlow Buckinghamshire SL7 1YL, (GB)

PATENT (CC, No, Kind, Date): EP 388050 A2 900919 (Basic)  
EP 388050 A3 930310  
EP 388050 B1 970604

APPLICATION (CC, No, Date): EP 90302207 900301;

PRIORITY (CC, No, Date): US 318587 890303

DESIGNATED STATES: DE; FR; GB

INTERNATIONAL PATENT CLASS: G06F-017/30;

ABSTRACT EP 388050 A2

A database system (51) is provided for interchanging visually-faithful renderings of fully-formatted electronic documents among computers having different hardware configurations and different software operating environments for representing such documents by different encoding formats and for transferring such documents utilizing different file transfer protocols. All format conversions and other activities that are involved in transferring such documents among such computers essentially are transparent to their users and require no a priori knowledge on the part of any of the users with respect to the computing and/or network environments of any of the other users.

All database operations are initiated and have their progress checked by means of a remote procedure call protocol which enables client applications to obtain partial results from them relatively quickly, without having to wait for such operations to complete their work. These database operations are forked as child processes by a main database server program, so the functionality of the database system may be extended easily by adding further database operation programs to it.

(see image in original document)

ABSTRACT WORD COUNT: 176

LANGUAGE (Publication,Procedural,Application): English; English; English

FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	EPABF1	432
CLAIMS B	(English)	EPAB97	476
CLAIMS B	(German)	EPAB97	467
CLAIMS B	(French)	EPAB97	588
SPEC A	(English)	EPABF1	9308
SPEC B	(English)	EPAB97	9563
Total word count - document A			9741
Total word count - document B			11094
Total word count - documents A + B			20835

23/3,AB/4 (Item 4 from file: 348)

DIALOG(R)File 348:EUROPEAN PATENTS

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00247030

Method and system for determining position on a moving platform, such as a ship, using signals from GPS satellites.

Karen Lehman EIC 3600 06-Nov-03

Verfahren und System zum Bestimmen der Position einer sich bewegenden Plattform, zum Beispiel eines Schiffes mit Hilfe der Signale von GPS-Satelliten.

Procede et systeme pour determiner la position d'une plate-forme en mouvement tel un navire, en utilisant des signaux produits par des satellites.

PATENT ASSIGNEE:

Western Atlas International, Inc., (903510), 10,001 Richmond Avenue,  
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INVENTOR:

Counselman, Charles Claude III, 123 Radcliffe Road, Belmont Massachusetts  
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LEGAL REPRESENTATIVE:

Godsill, John Kenneth et al (31031), Haseltine Lake & Co. Hazlitt House  
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PATENT (CC, No, Kind, Date): EP 242115 A2 871021 (Basic)

EP 242115 A3 900502

EP 242115 B1 940316

APPLICATION (CC, No, Date): EP 87303033 870408;

PRIORITY (CC, No, Date): US 852016 860414

DESIGNATED STATES: DE; FR; GB; NL

INTERNATIONAL PATENT CLASS: G01S-005/02;

ABSTRACT EP 242115 A2

Method and system for determining position on a moving platform, such as a ship, using signals from GPS satellites.

Method and apparatus are disclosed for accurately determining position from GPS satellites (12, 13, 14) and received on a ship (10) using the following observable signals: C/A code group delay observable ( $\tau$ ); 308 f(sub 0) implicit carrier phase observable ( $\phi$ ); L1 band implicit f(sub 0) carrier residual phase observable ( $\psi$ ) (sub(L1)); and L2 band implicit f(sub 0) carrier residual phase observable ( $\psi$ ) (sub(L2)). A precise measurement of the group-phase delay range to each satellite is made based upon the L1 center frequency carrier phase. A correction for ionospheric effects is determined by simultaneous observation of the group delays of the wide bandwidth P code modulations in both the L1 and L2 bands. These group delays are determined by measuring the phases of carrier waves implicit in the spread-spectrum signals received in both bands. These carriers are reconstructed from both the L1 and L2 band signals from each satellite without using knowledge of the P code. The unknown biases in the L1 center frequency carrier phase range measurements are determined from simultaneous, pseudorange measurements, with time averaging. The instantaneous position of the ship (10) may then be determined from the ranges so determined, with both the bias and the ionospheric effects having been eliminated.

ABSTRACT WORD COUNT: 227

LANGUAGE (Publication, Procedural, Application): English; English; English

FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS B	(English)	EPBBF1	1510
CLAIMS B	(German)	EPBBF1	1421
CLAIMS B	(French)	EPBBF1	1721
SPEC B	(English)	EPBBF1	39287
Total word count - document A			0
Total word count - document B			43939
Total word count - documents A + B			43939

23/3,AB/5 (Item 1 from file: 349)  
DIALOG(R) File 349:PCT FULLTEXT

00479448

**PAGE IDENTIFICATION BY DETECTION OF OPTICAL CHARACTERISTICS**  
**IDENTIFICATION DE PAGES PAR DETECTION DE CARACTERISTIQUES OPTIQUES**

Patent Applicant/Assignee:

HEWLETT-PACKARD COMPANY,

Inventor(s):

OWEN Geraint,

Patent and Priority Information (Country, Number, Date):

Patent: WO 9910800 A1 19990304

Application: WO 98US17875 19980828 (PCT/WO US9817875)

Priority Application: US 97921396 19970829

Designated States: JP AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE

Publication Language: English

Fulltext Word Count: 6814

**English Abstract**

This disclosure relates to a page identification system for multiple page processing systems which operates by measuring color. Detected color is compared to a look-up table (49) that stores color characteristics for at least one known page. If a match is detected, within a tolerance selected in response to expected measurement variance, then the system produces a page identification code used in page processing. Preferably, the system is embodied in a clipboard device that automatically associates electronic data with a corresponding one of multiple pages (14, 20). A stylus (15) can be used to write on each page (14, 20), and each time the stylus (15) is used, the system automatically optically scans the page (14, 20), produces a page identification code, and associates electronic data with the current page (14, 20). If no match is detected in the look-up table (49), then the system enters a learn mode corresponding to presumed detection of a new page. Background light variations are compensated for, in part, by intensity modulating a light source (45) at different frequencies for each of red, green and blue components, and by normalizing the detected components to adjust for total detected light. The system is expected to have utility in a wide range of paper processing systems.

**French Abstract**

Cette invention concerne un systeme d'identification de pages destine a des systemes de traitement multipage qui, pour fonctionner, mesurent la couleur. La couleur detectee est comparee a une table de consultation (49) qui conserve en memoire des caracteristiques de couleur pour au moins une page connue. Si une correspondance est detectee, dans le cadre d'une limite selectionnee en reponse a une variation de la mesure attendue, le systeme produit alors un code d'identification de page utilisee dans le traitement des pages. De preference le systeme se presente sous forme d'un dispositif de bloc-notes qui associe automatiquement des donnees electroniques a une page correspondante des diverses pages (14, 20). Un stylo (15) peut etre utilise pour ecrire sur chaque page (14, 20) et a chaque fois que le stylo (15) est utilise, le systeme balaye optiquement et automatiquement la page (14, 20), produit un code d'identification de page et associe des donnees electroniques a la page (14, 20) analysee. Si aucune correspondance n'est detectee dans la table de consultation (49), le systeme entre alors dans un mode d'apprentissage correspondant a la detection presumee d'une nouvelle page. Les variations de la lumiere d'arriere-plan d'ambiance sont compensees en partie par la modulation de l'intensite d'une source (45) de lumiere a des frequences differentes pour chacune des composantes rouge, vert et bleu et par normalisation des composantes detectees pour ajuster la lumiere detectee totale. Ce systeme est destine a etre utilise

dans une gamme etendue de systemes de traitement du papier.

23/3,AB/6 (Item 2 from file: 349)  
DIALOG(R)File 349:PCT FULLTEXT  
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00419920

TRUSTED INFRASTRUCTURE SUPPORT SYSTEMS, METHODS AND TECHNIQUES FOR SECURE  
ELECTRONIC COMMERCE, ELECTRONIC TRANSACTIONS, COMMERCE PROCESS CONTROL  
AND AUTOMATION, DISTRIBUTED COMPUTING, AND RIGHTS MANAGEMENT  
SYSTEME D'ASSISTANCE INFRASTRUCTURELLE ADMINISTRATIVE, PROCEDES ET  
TECHNIQUES SURES CONCERNANT LE COMMERCE ET LES TRANSACTIONS  
ELECTRONIQUES, COMMANDE ET AUTOMATISATION DES PROCESSUS COMMERCIAUX,  
CALCUL REPARTI ET GESTION DES REDEVANCES

Patent Applicant/Assignee:

INTERTRUST TECHNOLOGIES CORP,  
SHEAR Victor H,  
VAN WIE David M,  
WEBER Robert,

Inventor(s):

SHEAR Victor H,  
VAN WIE David M,  
WEBER Robert,

Patent and Priority Information (Country, Number, Date):

Patent: WO 9810381 A1 19980312

Application: WO 96US14262 19960904 (PCT/WO US9614262)

Priority Application: WO 96US14262 19960904

Designated States: AL AM AT AU AZ BB BG BR BY CA CH CN CZ DE DK EE ES FI GB  
GE HU IL IS JP KE KG KP KR KZ LK LR LS LT LU LV MD MG MK MN MW MX NO NZ  
PL PT RO RU SD SE SG SI SK TJ TM TR TT UA UG US UZ VN KE LS MW SD SZ UG  
AM AZ BY KG KZ MD RU TJ TM AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL  
PT SE BF BJ CF CG CI CM GA GN ML MR NE SN TD TG

Publication Language: English

Fulltext Word Count: 85684

English Abstract

The present inventions provide an integrated, modular array of administrative and support services for electronic commerce and electronic rights and transaction management. These administrative and support services supply a secure foundation for conducting financial management, rights management, certificate authority, rules clearing, usage clearing, secure directory services, and other transaction related capabilities functioning over a vast electronic network such as the Internet and/or over organization internal Intranets. These administrative and support services can be adapted to the specific needs of electronic commerce value chains. Electronic commerce participants can use these administrative and support services to support their interests, and can shape and reuse these services in response to competitive business realities. A Distributed Commerce Utility having a secure, programmable, distributed architecture provides administrative and support services. The Distributed Commerce Utility makes optimally efficient use of commerce administration resources, and can scale in a practical fashion to accommodate the demands of electronic commerce growth. The Distributed Commerce Utility may comprise a number of Commerce Utility Systems. These Commerce Utility Systems provide a web of infrastructure support available to, and reusable by, the entire electronic community and/or many or all of its participants. Different support functions can be collected together in hierarchical and/or in networked relationships to suit various business models and/or other objectives. Modular support functions can be combined in different arrays

to form different Commerce Utility Systems for different design implementations and purposes. These Commerce Utility Systems can be distributed across a large number of electronic appliances with varying degrees of distribution.

French Abstract

L'invention porte sur un reseau modulaire integre de services administratifs et d'assistance relatifs au commerce electronique, aux redevances electroniques et a la gestion des transactions. Lesdits services fournissent des fondements surs permettant de conduire la gestion financiere, la gestion des redevances, les contrats d'agence, la compensation des regles, la compensation des utilisations, des services surs de repertoires, et autres prestations liees aux transactions traitees par un vaste reseau electronique tel qu'Internet et/ou par des Intranets internes a des organisations. Ces services peuvent etre adaptes aux besoins specifiques de chaines electroniques de valeurs commerciales. Les acteurs du commerce electronique peuvent utiliser lesdits services pour defendre leurs interets, les adapter aux realites de la concurrence, et les reutiliser. Lesdits services sont fournis par une entite commerciale repartie presentant une structure sure, programmable et repartie. L'entite commerciale repartie tire le maximum d'efficacite des ressources en matiere de gestion commerciale, et peut aisement s'adapter pour faire face aux exigences de la croissance du commerce electronique. L'entite commerciale repartie peut comprendre un certain nombre de systemes d'entites commerciales constituant un reseau d'assistance infrastructurelle disponible et reutilisable par l'ensemble de la communaute electronique et/ou plusieurs ou la totalite de ses participants. Il est possible de regrouper certaines fonctions d'assistance par ordre hierarchique et/ou de reseau en vue d'une adaptation a differents modeles commerciaux et/ou a d'autres objectifs. Des fonctions modulaires d'assistance peuvent etre combinees de differentes manieres pour constituer differents systemes d'entites commerciales correspondant a differentes elaborations de structures et a differentes desseins. Lesdits systemes d'entites commerciales peuvent etre repartis entre de nombreux dispositifs electroniques avec des niveaux de repartition variables.

23/3,AB/7 (Item 3 from file: 349)  
DIALOG(R)File 349:PCT FULLTEXT  
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00331410

**DIGITAL DOCUMENT AUTHENTICATION SYSTEM FOR PROVIDING A CERTIFICATE WHICH  
AUTHENTICATES AND UNIQUELY IDENTIFIES A DOCUMENT**  
**SYSTEME NUMERIQUE D'AUTHENTIFICATION DE DOCUMENT SERVANT A PRODUIRE UN  
CERTIFICAT QUI AUTHENTIFIE ET IDENTIFIE UNIQUEMENT UN DOCUMENT**

Patent Applicant/Assignee:

SURETY TECHNOLOGIES INC,

Inventor(s):

HABER Stuart A,

STORNETTA W Scott Jr,

Patent and Priority Information (Country, Number, Date):

Patent: WO 9613921 A1 19960509

Application: WO 95US13837 19951025 (PCT/WO US9513837)

Priority Application: US 94330459 19941028

Designated States: AM AU BB BG BR BY CA CN CZ EE FI GE HU IS JP KG KP KR KZ  
LK LR LT LV MD MG MN MX NO NZ PL RO RU SG SI SK TJ TM TT UA UZ VN KE LS  
MW SD SZ UG AT BE CH DE DK ES FR GB GR IE IT LU MC NL PT SE BF BJ CF CG  
CI CM GA GN ML MR NE SN TD TG

Publication Language: English



Fulltext Word Count: 8880

English Abstract

A process (10) for time-stamping a digital document is provided. The process provides a certificate (20) which not only allows for the authentication of a document at a later time but which includes a name (18) or nickname (19) which allows for the unique identification of the document at a later time. The name (18) or nickname (19) provided in accordance with the present invention is not only simple and concise but allows for the self-authentication of the document which it refers to. The name can be used when two independent parties desire to refer to the same unique document in a quick and simple way.

French Abstract

L'invention se rapporte a un procede (10) d'horodatage d'un document numerique. Par ce procede, on obtient un certificat (20) qui ne permet pas seulement l'authentification d'un document a un stade ulterieur, mais qui comporte un nom (18) ou surnom (19) qui permet l'identification unique du document a un stade ulterieur. Le nom (18) ou surnom (19) donne selon la presente invention n'est pas seulement simple et concis, mais permet l'auto-authentification du document s'y referant. Le nom peut etre utilise lorsque deux parties independantes desirent se referer au meme document unique de maniere rapide et simple.

23/3,AB/8 (Item 4 from file: 349)

DIALOG(R)File 349:PCT FULLTEXT

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00150897

**NOISE REDUCTION IN TELEVISION SIGNALS**

**REDUCTION DE BRUIT DANS DES SIGNAUX DE TELEVISION**

Patent Applicant/Assignee:

INDEPENDENT BROADCASTING AUTHORITY,  
BEECH Brian Herbert,

Inventor(s):

BEECH Brian Herbert,

Patent and Priority Information (Country, Number, Date):

Patent: WO 8807800 A1 19881006

Application: WO 88GB242 19880330 (PCT/WO GB8800242)

Priority Application: GB 877533 19870330

Designated States: AT BE CH DE FR GB IT JP LU NL SE US

Publication Language: English

Fulltext Word Count: 11954

English Abstract

The present invention relates to noise reduction in television signals, in particular high definition television signals, such as High Definition Multiplexed Analogue Component (HDMAC) signals, transmitted on F.M. channel. High definition signals suffer from problems with noise which result in the reproduced signal being degraded significantly. However, a problem with applying noise reduction is that it could adversely affect conventional processing of the conventional signal transmitted with the high definition signal, i.e., in HDMAC conventional MAC will form part of the same signal. Noise processing could therefore affect the compatibility if the HDMAC signal with conventional MAC receives. This is undesirable. In the present invention, a high definition signal is processed by splitting it into high and low frequency components and pre-emphasising the high frequency component with a non-linear characteristic. At the receiver a complementary de-emphasis process is applied. This has the advantage of resulting in a noise reduced high definition signal which is compatible with existing conventional

receivers. Further, the present invention relates to the processor of a pre-connector for the high definition signal which can be used for intersample interference due to non-compatibility between the pre and de emphasis characteristics in a digital implementation of the invention, and also due to channel error.

#### French Abstract

Reduction de bruit dans des signaux de television, notamment des signaux de television de haute definition, tels que des signaux a haute definition de composants analogiques multiplexes (HDMAC), transmis sur un canal FM. Les signaux a haute definition souffrent de problemes relatifs au bruit ce qui a pour resultat une degradation importante du signal reproduit. L'inconvenient, toutefois de la reduction du bruit reside dans l'influence defavorable que peut subir le traitement classique du signal conventionnel transmis avec le signal a haute definition, c'est-a-dire que, dans le HDMAC, le MAC (composant analogique multiplexe) conventionnel fera partie du meme signal. Le traitement du bruit pourrait par consequent affecter la compatibilite si le signal HDMAC avec MAC conventionnel recoit. Cela n'est pas souhaitable. Dans la presente invention, un signal a haute definition est traite par division de celui-ci en composants a haute et a faible frequence et en pre-accentuant le composant de haute frequence avec une caracteristique non lineaire. On applique un procede complementaire de desaccentuation au niveau du recepteur. Cela presente l'avantage de produire un signal a haute definition de faible bruit compatible avec les recepteurs conventionnels existants. En outre, la presente invention se rapporte au processeur d'un pre-connecteur pour le signal a haute definition, pouvant etre utilise en cas d'interference entre les valeurs echantillon due a l'incompatibilite entre les caracteristiques de pre- et de desaccentuation dans un mode de realisation numerique de l'invention, et due egalement a une erreur de canal.

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## Hit List

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Generate OACS				

### Search Results - Record(s) 1 through 9 of 9 returned.

☐ 1. Document ID: US 6594692 B1

L24: Entry 1 of 9

File: USPT

Jul 15, 2003

US-PAT-NO: 6594692

DOCUMENT-IDENTIFIER: US 6594692 B1

**\*\* See image for Certificate of Correction \*\***

TITLE: Methods for transacting electronic commerce

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KWIC	Draw D
------	-------	----------	-------	--------	----------------	------	-----------	--	--	--------	------	--------

☐ 2. Document ID: US 6519571 B1

L24: Entry 2 of 9

File: USPT

Feb 11, 2003

US-PAT-NO: 6519571

DOCUMENT-IDENTIFIER: US 6519571 B1

TITLE: Dynamic customer profile management

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KWIC	Draw D
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☐ 3. Document ID: US 6363488 B1

L24: Entry 3 of 9

File: USPT

Mar 26, 2002

US-PAT-NO: 6363488

DOCUMENT-IDENTIFIER: US 6363488 B1

**\*\* See image for Certificate of Correction \*\***

TITLE: Systems and methods for secure transaction management and electronic rights protection

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KWIC	Draw D
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☐ 4. Document ID: US 6336095 B1

L24: Entry 4 of 9

File: USPT

Jan 1, 2002

US-PAT-NO: 6336095

DOCUMENT-IDENTIFIER: US 6336095 B1

TITLE: Method for electronic merchandise dispute resolution

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KWIC	Draw D
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☐ 5. Document ID: US 6154738 A

L24: Entry 5 of 9

File: USPT

Nov 28, 2000

US-PAT-NO: 6154738

DOCUMENT-IDENTIFIER: US 6154738 A

TITLE: Methods and apparatus for disseminating product information via the internet using universal product codes

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KWIC	Draw D
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☐ 6. Document ID: US 5982891 A

L24: Entry 6 of 9

File: USPT

Nov 9, 1999

US-PAT-NO: 5982891

DOCUMENT-IDENTIFIER: US 5982891 A

TITLE: Systems and methods for secure transaction management and electronic rights protection

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KWIC	Draw D
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☐ 7. Document ID: US 5915019 A

L24: Entry 7 of 9

File: USPT

Jun 22, 1999

US-PAT-NO: 5915019

DOCUMENT-IDENTIFIER: US 5915019 A

TITLE: Systems and methods for secure transaction management and electronic rights protection

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KWIC	Draw D
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☒ 8. Document ID: US 5903652 A

L24: Entry 8 of 9

File: USPT

May 11, 1999

US-PAT-NO: 5903652

DOCUMENT-IDENTIFIER: US 5903652 A

**\*\* See image for Certificate of Correction \*\***

TITLE: System and apparatus for monitoring secure information in a computer network

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KWIC	Draw De
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☐ 9. Document ID: US 5878139 A

L24: Entry 9 of 9

File: USPT

Mar 2, 1999

US-PAT-NO: 5878139

DOCUMENT-IDENTIFIER: US 5878139 A

TITLE: Method for electronic merchandise dispute resolution

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KWIC	Draw De
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